

**Thread Type METRIC acc. to ISO 965-3**

Outer Thread Size (Male)	Clamping Range		Armour Wire Ø min-max mm	Outer Thread Length TL mm	Cap SW Cap mm	Spanner Width		Outer Ø D mm	max. Height H mm	Part Number
	Inner Sheath Ø min-max mm	Ø min-max mm				Upper Body SW Upper Body mm	Lower Body SW Lower Body mm			
M20x1,5	3,0 - 8,5	6,0 - 12,0	0,70 - 1,20	16,0	26	26	24	29,0	50,0	KBA1SM
	6,0 - 12,0	8,5 - 16,0	0,70 - 1,25	16,0	29	29	25	31,5	51,5	KBA1M
	8,5 - 14,5	12,0 - 20,0	0,90 - 1,30	16,0	32	30	28	35,0	54,0	KBA1LM
M25x1,5	3,0 - 8,5	6,0 - 12,0	0,70 - 1,20	18,0	26	26	29	31,5	50,0	KBA2XSM
	6,0 - 12,0	8,5 - 16,0	0,70 - 1,25	18,0	29	29	29	31,5	52,5	KBA2SM
	8,5 - 16,0	12,0 - 21,0	0,70 - 1,20	18,0	34	34	32	37,0	56,5	KBA2M
M32x1,5	12,0 - 20,0	16,0 - 26,0	1,30 - 1,70	18,0	40	40	36	44,0	63,0	KBA2LM
	6,0 - 12,0	8,5 - 16,0	0,70 - 1,25	18,0	29	29	36	39,8	52,5	KBA3XSM
	12,0 - 20,0	16,0 - 26,0	1,30 - 1,70	18,0	40	40	40	44,0	64,0	KBA3SM
M40x1,5	15,0 - 26,0	20,0 - 33,0	1,20 - 1,80	18,0	52	52	48	57,0	81,0	KBA3M
	12,0 - 20,0	16,0 - 26,0	1,30 - 1,70	18,0	40	40	45	50,0	64,0	KBA4XSM
	15,0 - 26,0	20,0 - 33,0	1,20 - 1,80	18,0	52	52	48	57,0	81,0	KBA4SM
M50x1,5	20,0 - 32,0	29,0 - 41,0	1,60 - 2,20	18,0	60	60	55	66,0	92,0	KBA4M
	15,0 - 26,0	20,0 - 33,0	1,20 - 1,80	18,0	52	52	54	60,0	81,0	KBA5XSM
	20,0 - 32,0	29,0 - 41,0	1,60 - 2,20	18,0	60	60	55	66,0	92,0	KBA5XMM
M63x1,5	22,0 - 35,0	33,0 - 48,0	2,00 - 2,80	18,0	75	70	60	83,0	100,0	KBA5SM
	27,0 - 41,0	36,0 - 52,0	1,80 - 2,80	18,0	74	70	70	81,8	104,5	KBA5M
	35,0 - 45,0	43,0 - 57,0	1,80 - 2,80	20,0	80	80	75	89,5	109,5	KBA6SM
M75x1,5	40,0 - 52,0	47,0 - 60,0	1,80 - 2,80	20,0	85	85	85	94,0	111,5	KBA6M
	45,0 - 56,0	54,0 - 70,0	1,30 - 2,50	20,0	100	95	90	110,5	128,5	KBA6LM
	35,0 - 45,0	43,0 - 57,0	1,80 - 2,80	20,0	80	80	85	94,0	109,5	KBA7XSM
M90x1,5	40,0 - 52,0	47,0 - 60,0	1,80 - 2,80	20,0	85	85	100	110,5	111,5	KBA7SM
	45,0 - 60,0	54,0 - 70,0	1,00 - 2,30	20,0	100	95	95	110,5	127,5	KBA8SM
	60,0 - 72,0	63,0 - 80,0	1,00 - 3,50	20,0	115	115	110	127,0	158,0	KBA8M

**Thread Type METRIC acc. to ISO 965-3 (LT Type)**

Outer Thread Size (Male)	Clamping Range		Armour Wire Ø min-max mm	Outer Thread Length TL mm	Cap SW Cap mm	Spanner Width		Outer Ø D mm	max. Height H mm	Part Number
	Inner Sheath Ø min-max mm	Ø min-max mm				Upper Body SW Upper Body mm	Lower Body SW Lower Body mm			
M90x2,0	70,0 - 82,0	78,0 - 90,0	1,5 - 4,4	20,0	120	120	115	134,0	159,5	KBA8MLT
M100x2,0	80,0 - 92,0	88,0 - 100,0	1,2 - 4,0	20,0	135	135	135	150,0	169,0	KBA9MLT
M110x2,0	90,0 - 101,0	98,0 - 110,0	2,1 - 5,4	20,0	145	145	145	162,0	180,0	KBA10MLT
M130x2,0	100,0 - 115,0	109,0 - 123,0	2,0 - 5,4	24,0	160	160	160	176,0	202,0	KBA13MLT

**Thread Type NPT acc. to ANSI ASME B1.20.1**

Outer Thread Size (Male)	Clamping Range		Armour Wire Ø min-max mm	Outer Thread Length TL mm	Cap SW Cap mm	Spanner Width		Outer Ø D mm	max. Height H mm	Part Number
	Inner Sheath Ø min-max mm	Ø min-max mm				Upper Body SW Upper Body mm	Lower Body SW Lower Body mm			
NPT 1/2"	3,0 - 8,5	6,0 - 12,0	0,70 - 1,20	21,0	26	26	24	29,0	49,5	KBA1SN
	6,0 - 12,0	8,5 - 16,0	0,70 - 1,25	21,0	29	29	25	31,5	51,0	KBA1N
	8,5 - 14,5	12,0 - 20,0	0,90 - 1,30	21,0	32	30	28	35,0	54,0	KBA1LN
NPT 3/4"	3,0 - 8,5	6,0 - 12,0	0,70 - 1,20	21,0	26	26	29	31,5	50,0	KBA2XSN
	6,0 - 12,0	8,5 - 16,0	0,70 - 1,25	21,0	29	29	29	31,5	52,5	KBA2SN
	8,5 - 16,0	12,0 - 21,0	0,70 - 1,20	21,0	34	34	32	37,0	56,5	KBA2N
NPT 1"	12,0 - 20,0	16,0 - 26,0	1,30 - 1,70	21,0	40	40	36	44,0	62,5	KBA2LN
	6,0 - 12,0	8,5 - 16,0	0,70 - 1,25	26,0	29	29	36	39,8	52,5	KBA3XSN
	12,0 - 20,0	16,0 - 26,0	1,30 - 1,70	26,0	40	40	40	44,0	64,0	KBA3SN
NPT 1 1/4"	15,0 - 26,0	20,0 - 33,0	1,20 - 1,80	26,0	52	52	48	57,0	80,5	KBA3N
	12,0 - 20,0	16,0 - 26,0	1,30 - 1,70	28,0	40	40	45	50,0	64,0	KBA4XSN
	15,0 - 26,0	20,0 - 33,0	1,20 - 1,80	28,0	52	52	48	57,0	81,0	KBA4SN
NPT 1 1/2"	20,0 - 32,0	29,0 - 41,0	1,60 - 2,20	28,0	60	60	55	66,0	92,0	KBA4N
	15,0 - 26,0	20,0 - 33,0	1,20 - 1,80	28,0	52	52	54	60,0	81,0	KBA5XSN
	20,0 - 32,0	29,0 - 41,0	1,60 - 2,20	28,0	60	60	55	66,0	92,0	KBA5XMMN
NPT 2"	22,0 - 35,0	33,0 - 48,0	2,00 - 2,80	28,0	75	70	60	83,0	100,0	KBA5SN
	27,0 - 41,0	36,0 - 52,0	1,80 - 2,80	28,0	74	70	70	81,8	104,5	KBA5M
	35,0 - 45,0	43,0 - 57,0	1,80 - 2,80	28,0	80	80	75	89,5	109,5	KBA6XSN
NPT 2 1/2"	40,0 - 52,0	47,0 - 60,0	1,80 - 2,80	28,0	85	85	85	94,0	111,5	KBA6SN
	45,0 - 56,0	54,0 - 70,0	1,30 - 2,50	28,0	100	95	90	110,5	128,5	KBA6LN
	35,0 - 45,0	43,0 - 57,0	1,80 - 2,80	41,0	80	80	80	89,5	109,0	KBA7XSN
NPT 3"	40,0 - 52,0	47,0 - 60,0	1,80 - 2,80	41,0	85	85	85	94,0	111,5	KBA7SN
	45,0 - 60,0	54,0 - 70,0	1,00 - 2,30	41,0	100	95	90	110,5	127,5	KBA7N
	60,0 - 72,0	63,0 - 80,0	1,00 - 3,50	43,0	100	95	95	110,5	127,5	KBA8XSN
NPT 3 1/2"	40,0 - 52,0	47,0 - 60,0	1,80 - 2,80	43,0	85	85	95	105,0	111,5	KBA8SN
	45,0 - 60,0	54,0 - 70,0	1,00 - 2,30	43,0	100	95	95	110,5	127,5	KBA8SM
	60,0 - 72,0	63,0 - 80,0	1,00 - 3,50	43,0	115	115	110	127,0	158,0	KBA8N

**Thread Type NPT acc. to ANSI ASME B1.20.1 (LT Type)**

Outer Thread Size (Male)	Clamping Range		Armour Wire Ø min-max mm	Outer Thread Length TL mm	Cap SW Cap mm	Spanner Width		Outer Ø D mm	max. Height H mm	Part Number
	Inner Sheath Ø min-max mm	Ø min-max mm				Upper Body SW Upper Body mm	Lower Body SW Lower Body mm			
NPT 3 1/2"	70,0 - 82,0	78,0 - 90,0	1,5 - 4,4	45,0	120	120	115	134,0	159,5	KBA9MNLT
NPT 4"	80,0 - 92,0	88,0 - 100,0	1,2 - 4,0	46,0	135	135	135	150,0	169,0	KBA10SNLT
NPT 5"	90,0 - 101,0	98,0 - 110,0	2,1 - 5,4	46,0	145	145	145	162,0	180,0	KBA10NLT
NPT 5"	100,0 - 115,0	109,0 - 123,0	2,0 - 5,4	48,0	160	160	160	176,0	202,0	KBA11SNLT